KVR266X72RC25L/2G

2GB 256 x 72-Bit DDR266 Registered CL2.5 ECC 184-Pin DIMM Module

DESCRIPTION:

This document describes ValueRAM's 256M x 72-bit (2GB) DDR266 CL2.5 SDRAM (Synchronous DRAM) Registered ECC memory module. The components on this module include eighteen stacked 256M x 4-bit (thirty-six 128M x 4-Bit) DDR266 SDRAM and three 16-bit drivers in TSSOP packages. This 184-pin DIMM uses gold contact fingers and requires +2.5V. The electrical and mechanical specifications are as follows:

FEATURES:

☑ Clock Cycle Time (tCK)	7.5ns (min.) / 12ns (max.)
☑ Row Cycle Time (tRC)	65ns (min.)
☑ Refresh Row Cycle Time (tRFC)	75ns (min.)
☑ Row Active Time (tRAS)	45ns (min.) / 120,000ns (max.)
☑ Single Power Supply of	+2.5V (+/- .25V)
☑ Power (IDD0)	12.550 W operating
☑ UL Rating	94 V - 0

Note: The module defined in this data sheet is one of several configurations available under this part number. While all configurations are compatible, the DRAM combination and/or the module height may vary from what is described here. However, in no configuration will the module height exceed 1.200" (30.48mm).

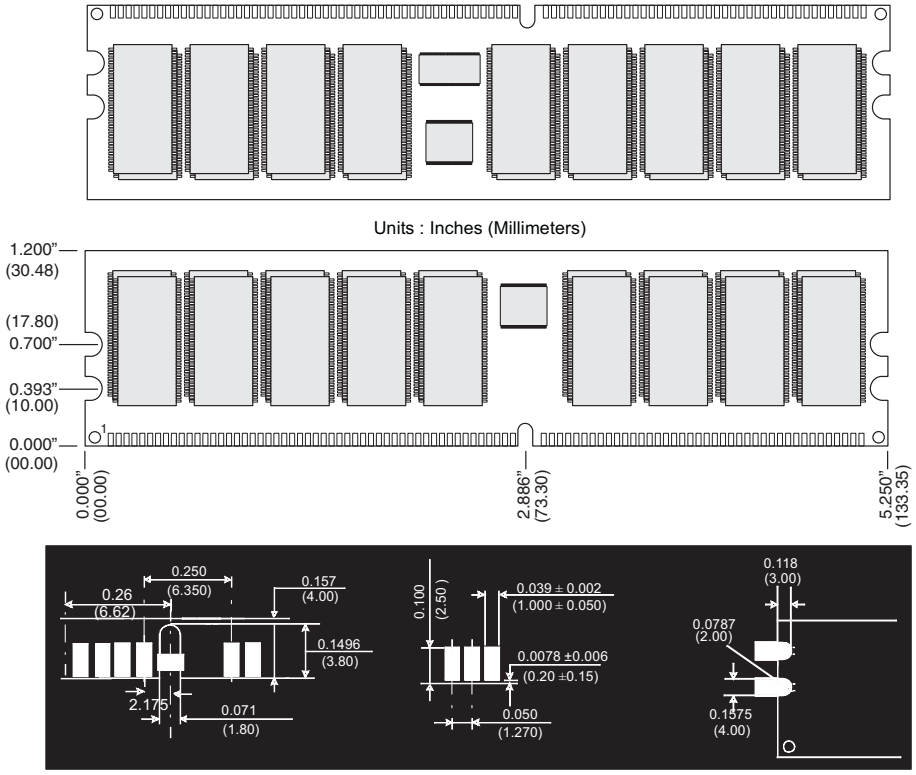

Figure 1: KVR266X72RC25L/2G 184-Pin DDR SDRAM Module